

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

**Koji HOSONO et al.**

Serial No.: Divisional of 09/800,913, filed March  
8, 2001

Filed: Herewith

For: NON-VOLATILE SEMICONDUCTOR  
MEMORY

Atty. Docket No.: 002372.00046

Group Art Unit: Unknown

Examiner: Unknown

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with Applicants' duty of disclosure, the following information is submitted for consideration by the United States Patent and Trademark Office in connection with the above-captioned application. The information is identified on the attached PTO-1449 form.

This application relies, under 35 U.S.C. § 120, on the earliest filing date of prior U.S. patent application serial no. 09/800,913, filed March 8, 2001. The documents identified on the attached PTO 1449 form were submitted to and/or cited by the Office in a prior application and, therefore, copies are not required to be provided in this application. (See 37 C.F.R. § 1.98(d)).

Applicants do not waive any right to take appropriate action to establish patentability over the listed documents should they be applied as references against the claims of the present application.

It is respectfully requested that the Examiner fully consider each of the documents, initial the enclosed Form PTO-1449 in the appropriate place to indicate that the document has been considered, and return a copy of the initialed form to the undersigned in accordance with MPEP Section 609.

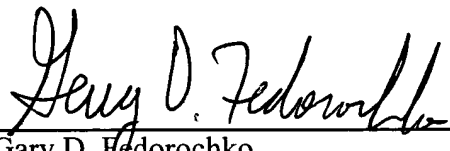
Applicants believe that no fee is necessary pursuant to 37 C.F.R. § 1.97(b). However, if a fee is due, the Office is authorized to charge Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

Dated: September 22, 2003

By:

  
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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	TBA
				Filing Date	Herewith
				First Named Inventor	Koji HOSONO et al.
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	002372.00046

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,547,685		Wong	10-15-1985	
		5,521,869		Ishimura et al.	05-28-1996	
		5,701,268		Lee et al.	12-23-1997	
		5,751,634		Itoh	05-12-1998	
		5,966,326		Park et al.	10-12-1999	
		5,986,929		Sugiura et al.	11-16-1999	
		6,545,909		Tanaka et al.	04-2003	
		5,903,495		Takeuchi et al.	05-1999	
		5,163,021		Mehrotra		
		5,602,789		Endoh		

FOREIGN PATENT DOCUMENTS								
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		WO	95/34074	A	Intel	12-14-1995		
		JP	57-152586	A	Nippon Denki	09-20-1982		Abst
		JP	57-191890	A	Nippon Denki	11-25-1982		Abst
		JP	10-011982		Hiromi	01-1998		Abst
		JP	10-092186		Masataka et al.	04-1998		Abst

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Takeuchi et al., "Multipage Cell Architecture for High-Speed Programming Multilevel NAND Flash Memories," <i>IEEE J. Solid-State Circuits</i> , Vo. 33, No. 8, Aug. 1998, pp. 1228-1238	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.